Miscellaneous. Candles are made from wax of the *jicote*, a wild bee, and from the wax of the wild wasps. Clothes are washed with *jaboncillo* (*Leguminosae* sp.). This is a vine which grows near the river Diquis. The roots only are used, and are cut into pieces and mashed. When mixed with water, suds are produced, and it is an effective cleansing agent. Brooms are made of fern leaves tied to wooden handles. Cocoa-butter is found in every Boruca household. The women rub it in their hair so their hair will shine. It also has a common use as a salve for certain remedies, such as boils or sores on the legs. To make the butter, the cacao bean is toasted and then boiled. The grease rises to the top, and then is skimmed off and put on a *bijagua* leaf (see p. 9), or in a gourd, to cool and to solidify. The liquid remaining in the pot is drunk. This is called *tivia* in Spanish and *kao* in the Boruca tongue.

MEASUREMENTS OF TIME

moon as well as by the calendar of the *ladinos*. Most of the Indians have no conception of their age. The numeral count of these people runs from one to eight, Spanish being used for the remaining numbers. Foodstuffs are measured by hand-fulls or by gourds. There does not appear to be indigenous methods for weighing.

CYCLE

8). The end of the cord is burned with *tocolote*, the colored cotton. White cotton is not used. The cut part is buried where the child is born. In cases when the cord is slow to fall off the infant, the dust from the *bajareque* of the house wall is mixed with cinnamon and applied to the babe. After birth, the child is bathed in the liquid remaining from boiling three plants. One is a grass which grows in the savanna and is called *trik-kra'*. This is a very fine grass that has a little root resembling *tiquisqui* and yellow blossoms. The other plant grows by streams and is called *tə∫u-kra'*. Pittier does not mention *trik-kra'* but cites *tsbu-krá*.[33] and gives the same use for it. Standley,[34] following Pit-

[33] Pittier, 1898, p. 93.
[34] Standley, 1937, p. 761, pt. II.

842 without misgiving, publically, in order not to have off-spring. (These Indians were living in Caña Coén.)

I hardly baptized a baby, because a large portion of the women are sterile through a remedy which they take, be it from being deceived, be it from being lost, be it from their own evilness, taking and masticating in the woods the bark and the juice (sap) of dangerous trees. There are about four old women who are most guilty: María Caferina and Margarita in the house of Simeón, Rosalía, mother of Luis Quirós, and María, called "camisa," mother of the woman who lives with Miguel Medina, some four hours distant from Simeón. The evil of this "cure" ("curar"), being so alarming, I wrote a letter to the Mayor (Alcalde) don Lucas Alvarado, in which I authorized the authorities of Estrella to at least threaten these criminal women, in case they could not be intimidated, to take them prisoners to Limón. I attacked strongly on a thousand occasions this evil. . . .

The above was written in the year 1894. In 1897, we find the following:

The great evil of taking means not to bring forth young, is disappearing, and once again children are being born.

In Buenos Aires which is situated between Boruca and Talamanca, the Chirícano women are said to drink a preparation made by boiling [278] the leaves and stem of *Justicia tinctoria* ([Oerst.] Hemsl.) and drinking a gourd of this three times daily the first day of menstruation. As yet, we have not been able to verify this usage, but it is a curious fact that in the majority of the yards of these people this plant is [296] found. The excuse given for this plant is that it is used to wash clothes, serving as bluing.

The medicine to induce pregnancy is apparently more complicated than that to stop conception. The following is an analysis made by Dr. Reif in the United Fruit Company laboratory in La Lima, Honduras, of this medicine from the *Boruca* Indians:

278 842 A brown liquid with some flocculent precipitate and a strong odor of hydrogen sulfide indicating putrition of organic matter. It is an aqueous solution containing some tannins but no alcohols, alkaloide or saponines. After evaporation of the liquid and removal of hydrogen sulfide smell, a strong odor re-

warns when it is going to rain by howling in the morning and in the afternoon.

(17) Why the Cuyeo[202] Has a Tightly Closed Beak[203]

(Bribri)

Once *sibu* became ill and he sent the *cuyeo* to find out if he would get well. The bird took it upon himself to consult no one but to tell *sibu* that the answer was he would die. As a punishment for this, he, *sibu*, pressed the cuyeo's beak tightly shut.

RECREATION

of food and drink will be offered them. Conversation, in this case, is confined almost entirely to the men or if there are women with the travelers, they speak separately with the women of the household.

Hunting and fishing may in a sense be classed as recreation for the men as well as part of their livelihood. Here again, except in the rare instances of community use of fish poisons, it is a family matter.

Women and young girls of the same family, particularly among the Bribri, are fond of gathering at the side of a stream to wash clothes and grind foodstuffs. They swim and sing, praising in their songs the virtues of their respective swains (*see* Songs). This is the closest these people come to what might be termed a normal visit.

Cursing is not usual. The worst phrase a Bribri can use against another is:

bé	*rər*	*webLa*	*suLue*	*es*	*béwa*	*bəmitsɛn.*
you	are	man	bad	like	devil	take (carry off).

The really unpleasant word here is *suLue* which means bad or ugly and is applied as a curse. A milder term is *bikési* which means useless, lazy, or coward. In Cabécar, however, the equivalent of this is *səkəŋé* which is a very strong term.

Reunions. Reunions, although pre-Columbian

[203] *See* Linguistic Texts: *Iipo* (coyeo).